

Rabbit anti-Mouse, Rat Neutral Sphingomyelinase Polyclonal Antibody | anti-NSMASE antibody

Polyclonal Antibody to Neutral Sphingomyelinase (NSMASE)

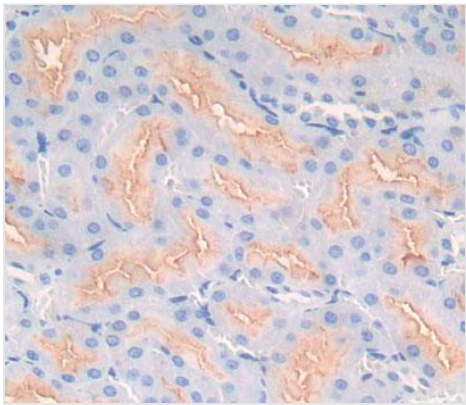
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145793	Rabbit	Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

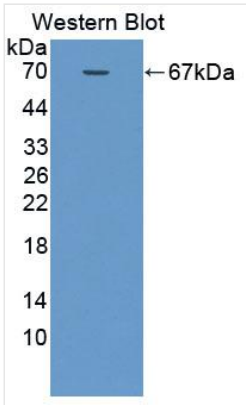
Neutral Sphingomyelinase; Polyclonal Antibody; Polyclonal Antibody to Neutral Sphingomyelinase (NSMASE); SMPD2; N-SMase; ISC1; Neutral Sphingomyelin Phosphodiesterase; Sphingomyelin Phosphodiesterase 2; Neutral Membrane; Lyso-platelet-activating factor-phospholipase C; anti-NSMASE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NSMASE. It has been selected for its ability to recognize NSMASE in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	398
Applicable Applications for anti-NSMASE antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	NSMASE (Met1~Ala324)
Conjugate	No Conjugate
Cross Reactivity	Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant NSMASE (Met1~Ala324) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14389301
NCBI GeneID	83537
NCBI Accession #	NP_112650.1
NCBI GenBank Nucleotide #	NM_031360.2
UniProt Accession #	Q9ET64; Q5BKB2
Molecular Weight	47,645 Da
NCBI Official Full Name	sphingomyelin phosphodiesterase 2
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 2
NCBI Official Symbol	Smpd2
NCBI Official Synonym Symbols	nSMase
NCBI Protein Information	sphingomyelin phosphodiesterase 2
UniProt Protein Name	Sphingomyelin phosphodiesterase 2
UniProt Gene Name	Smpd2
UniProt Synonym Gene Names	Lyso-PAF-PLC; N-SMase; nSMase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.